

Contents

Preface	7
Goals and Philosophy:	7
Key Features:	7
1 Introduction to Information Management	9
1.1 Data and Information	9
1.2 Organising Data	10
1.3 Information Everywhere	13
1.4 Strategy and Information Systems	15
1.5 Data Processing Software in an Enterprise	18
1.6 Summary	19
1.7 Review Questions	19
1.8 Case Study: Walmart Harnesses RFID Technology to Improve Efficiency	20
2 Relational Data Model and SQL	23
2.1 Scenario – Dream Destinations	23
2.2 The Relational Model	23

www.sylvania.com

**We do not reinvent
the wheel we reinvent
light.**

Fascinating lighting offers an infinite spectrum of possibilities: Innovative technologies and new markets provide both opportunities and challenges. An environment in which your expertise is in high demand. Enjoy the supportive working atmosphere within our global group and benefit from international career paths. Implement sustainable ideas in close cooperation with other specialists and contribute to influencing our future. Come and join us in reinventing light every day.

Light is OSRAM

**OSRAM
SYLVANIA**



2.3	The SELECT statement	34
2.4	Exercises	37
2.5	Summary	40
3	Data Definition in SQL	41
3.1	Data Definition Language (DDL)	41
3.2	Data Manipulation Language (DML)	44
3.3	Exercises – DDL and DML activities	45
3.4	Summary	47
4	Advanced Selection Queries	48
4.1	Ordering results	48
4.2	Selecting Specific Rows	50
4.3	Exercises – Order As and Selection	54
4.4	Summary	56
5	Joining Tables	57
5.1	Cartesian Product	57
5.2	Exercises – Join, Selection and Projection	60
5.3	Summary	63



Discover the truth at www.deloitte.ca/careers

Deloitte.

© Deloitte & Touche LLP and affiliated entities.



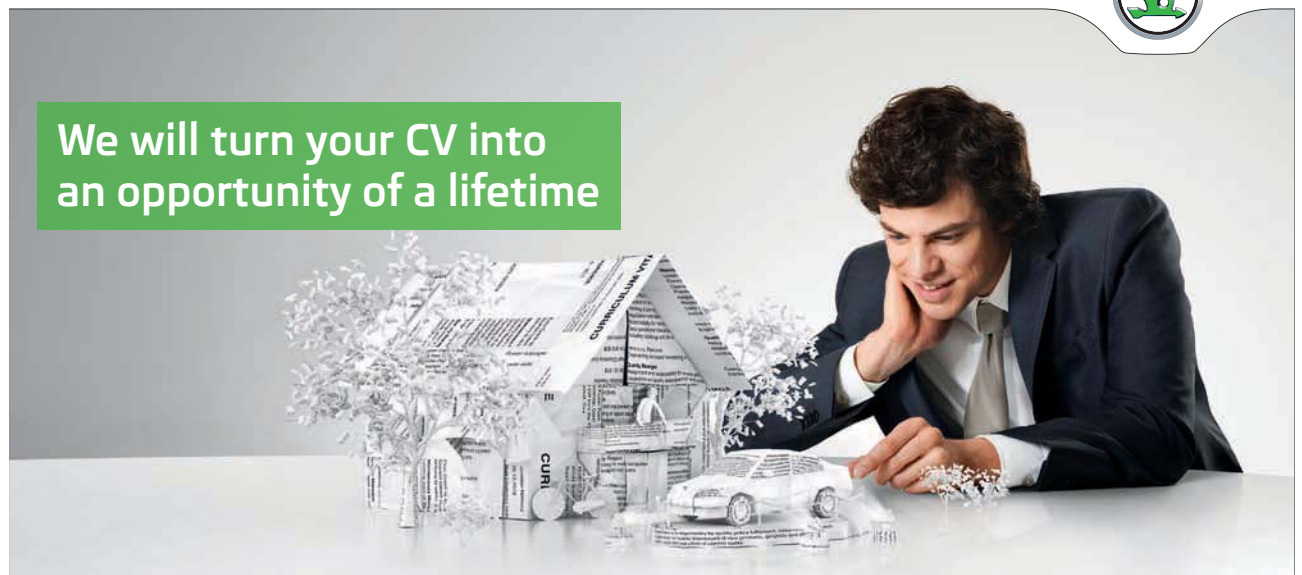
6	Functions, Aggregate and Group-set Functions	64
6.1	Functions	64
6.2	Aggregate Functions	67
6.3	Nested Sub-queries	68
6.4	Exercises	69
6.5	Summary	70
7	Information Security Management	71
7.1	Introduction	71
7.2	Internet Security Threats: Known, Unknown and Predicted	74
7.3	Brand Protection on the Internet	78
7.4	Compliance Issues	81
7.5	Frameworks for Control and Security: COBIT®, ITIL®, and ISO 27002	83
7.6	Exercises	87
	References and Further Reading	89

SIMPLY CLEVER

ŠKODA



We will turn your CV into
an opportunity of a lifetime



Do you like cars? Would you like to be a part of a successful brand?
We will appreciate and reward both your enthusiasm and talent.
Send us your CV. You will be surprised where it can take you.

Send us your CV on
www.employerforlife.com



Download free eBooks at bookboon.com



Click on the ad to read more